

B metal, a Group IIA alkaline earth metal, rare earth metal, and <sup>mixtures</sup> ~~mixture thereof~~[,] and

optionally, 5-20 wt. % of one or more low temperature lubricating metals

C A 1  
B selected from the group consisting essentially of Ag, Au, Pt, Pd, Rh, Cu and <sup>mixtures</sup> ~~mixture thereof~~.

[ In claim 9, line 1, delete "claim 8" and insert --claim 1--.

Claim <sup>5</sup>12 (amended). A self lubricating friction and wear reducing composite material useful over a wide temperature range of from cryogenic temperature up to about 900°C

C 12  
B consisting ~~essentially~~ of from about (i) 60-80% of metal bonded, particulate Cr<sub>2</sub>O<sub>3</sub>, wherein said bonding metal is ~~a high temperature, high strength and oxidation resistant bonding metal~~ <sup>be</sup>

A 2  
B (ii) 5-20 wt. % of a fluoride of at least one metal selected from the group consisting ~~essentially~~ of a metal of Group IA, Group IIA, rare earth metal and <sup>mixtures</sup> ~~mixture thereof~~, and optionally, (iii) 5-

C 20 wt. % of a low temperature metal lubricant selected from the group consisting ~~essentially~~ of Ag, Au, Pt, Pd, Rh, Cu and <sup>mixtures</sup> ~~mixture thereof~~.

In claim 14, line 1, delete "a".

### REMARKS

The examiners comments together with the cited references have been very carefully studied. A favorable reconsideration of the patent application in view of the foregoing amendments to the claims is hereby requested.

The examiner rejects claims 1-4 under 35 USC 112, first paragraph, as being